

4.2.C. 0604000403 (Cane Creek).

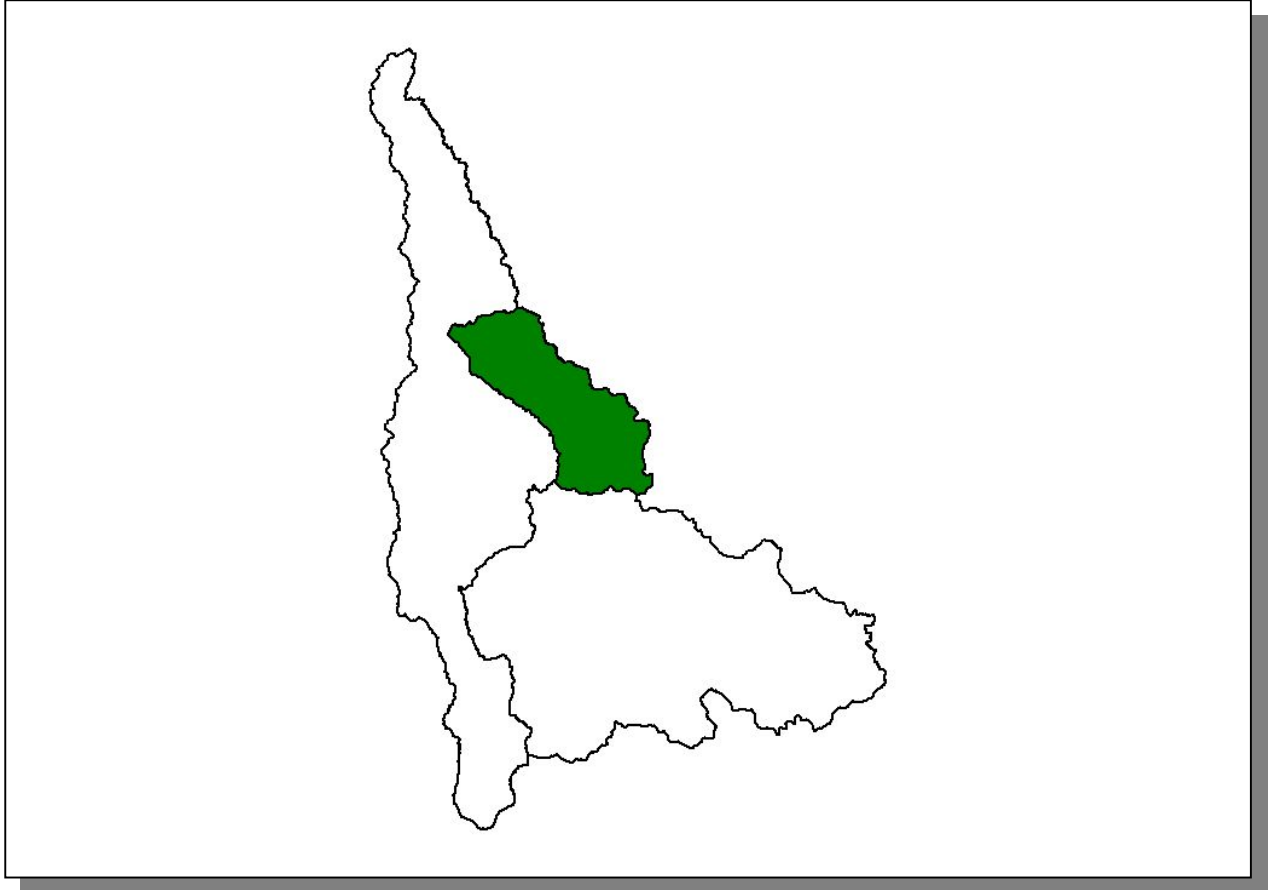


Figure 4-26. Location of Subwatershed 0604000403. All Buffalo River HUC-10 subwatershed boundaries are shown for reference.

4.2.C.i. General Description.

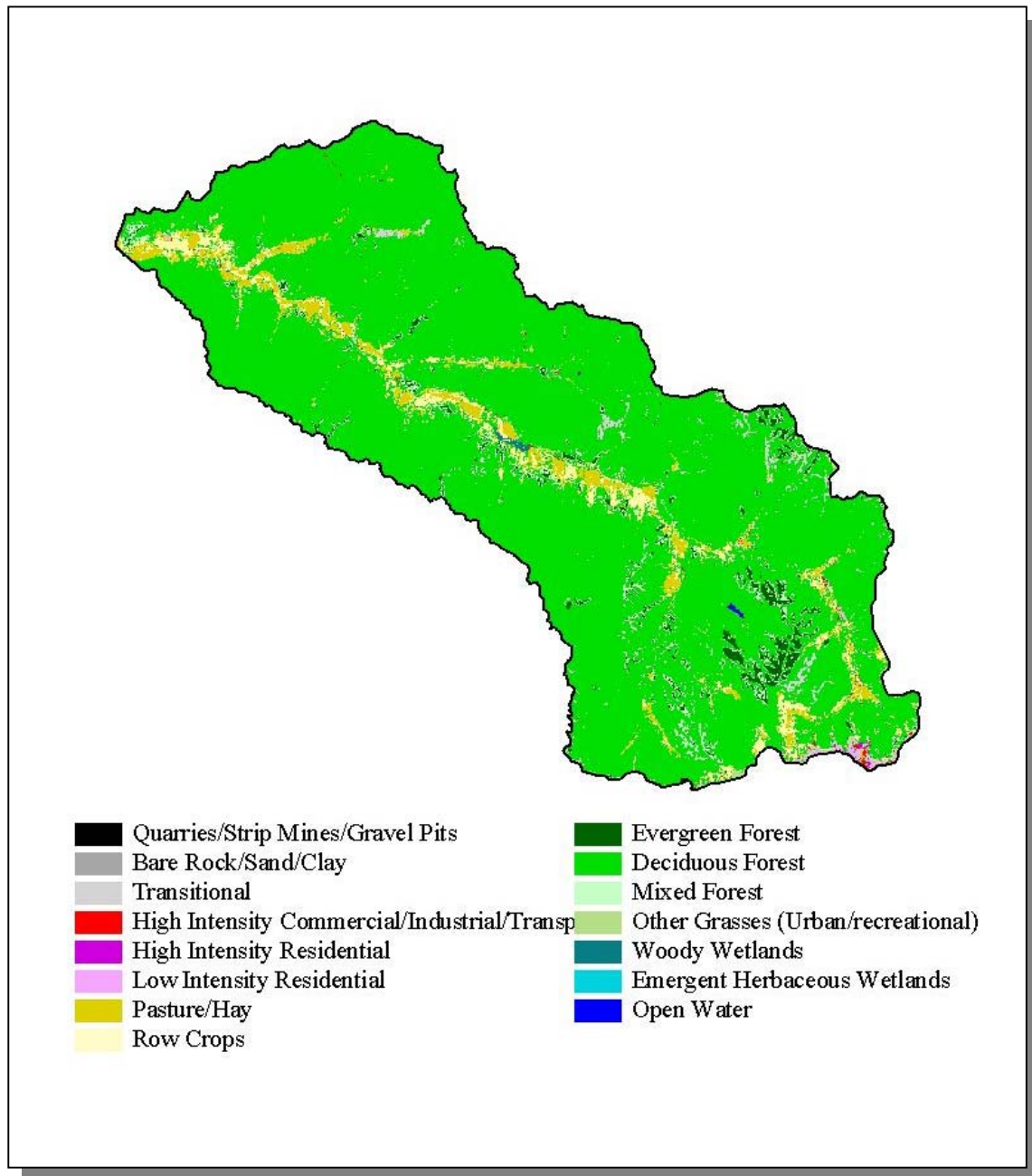


Figure 4-27. Illustration of Land Use Distribution in Subwatershed 0604000403.

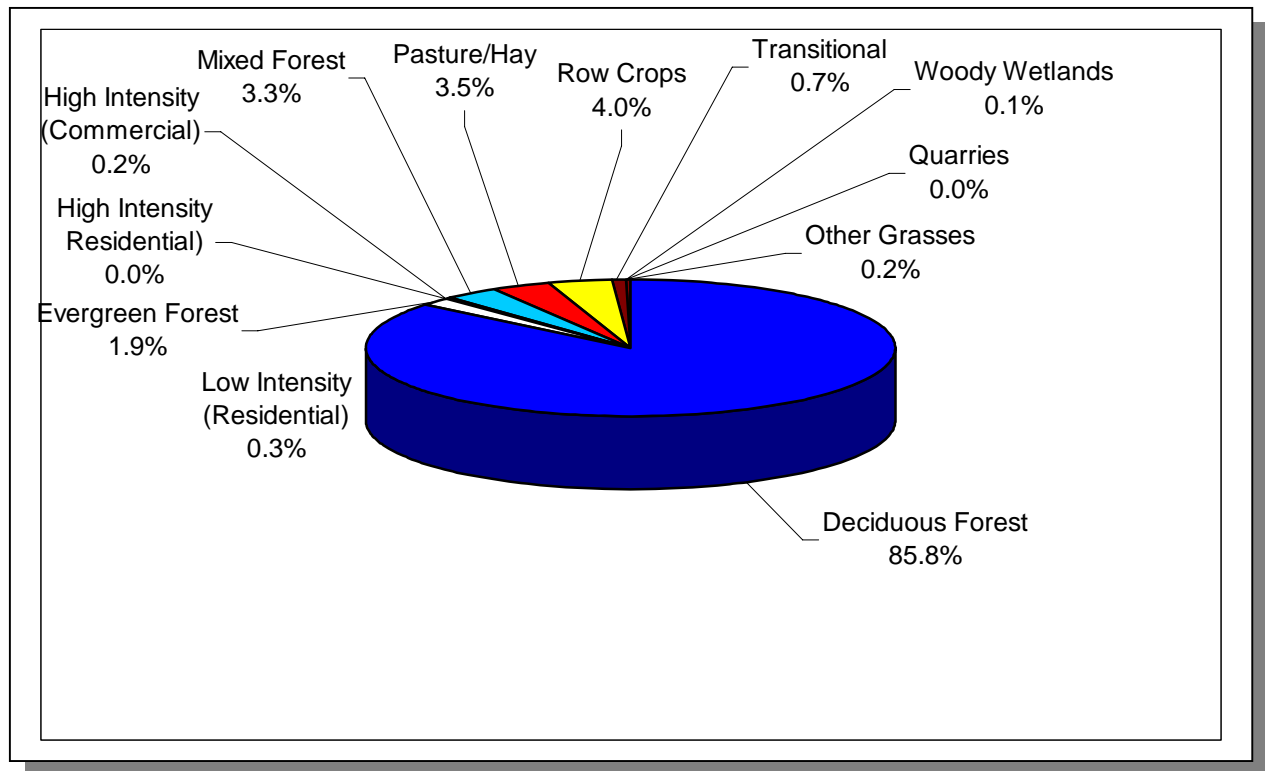


Figure 4-28. Land Use Distribution in Subwatershed 0604000403. More information is provided in Appendix IV.

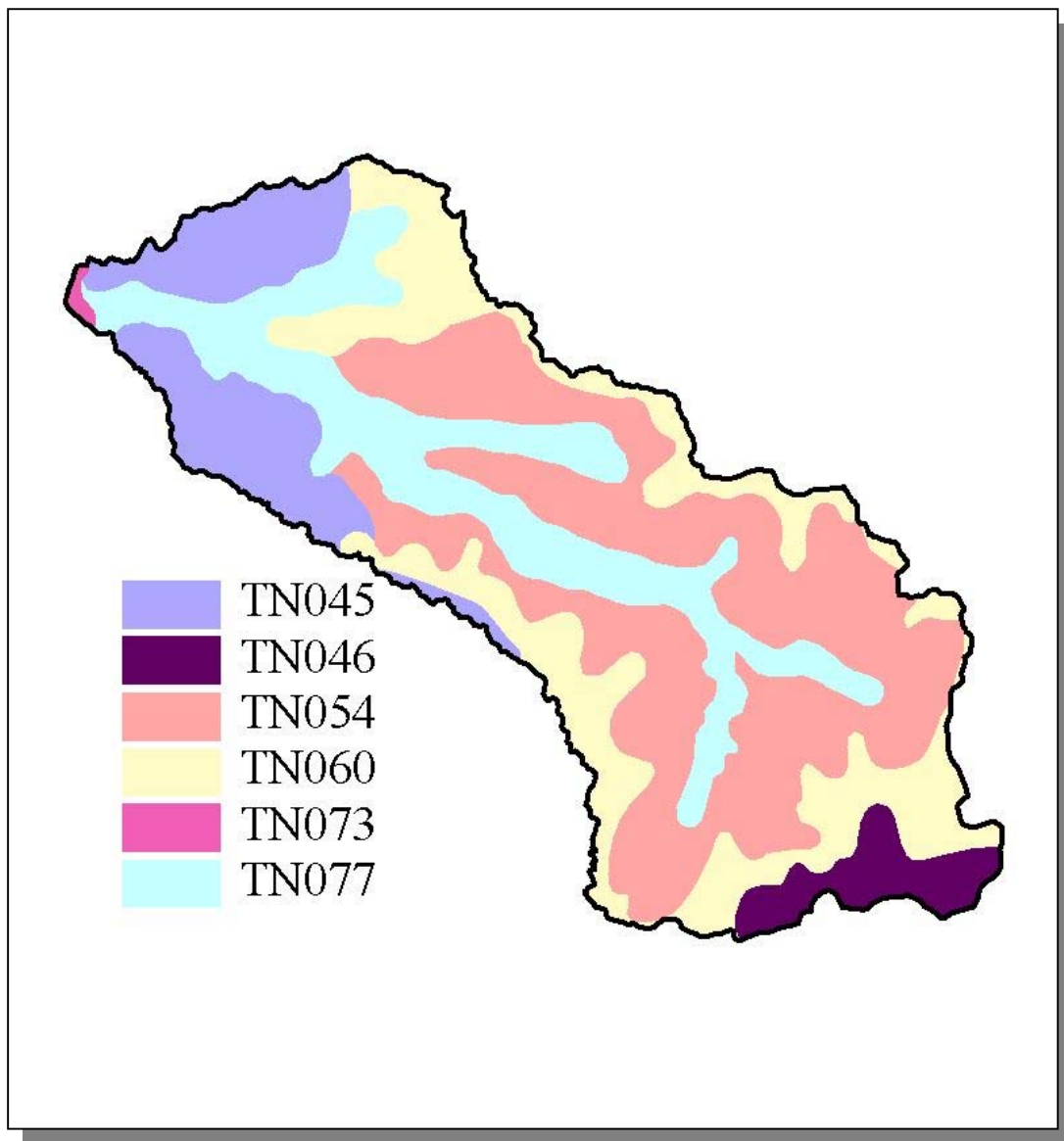


Figure 4-29. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000403.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN045	0.00	B	1.95	5.45	Loam	0.35
TN046	0.00	B	1.98	5.09	Silty Loam	0.38
TN054	0.00	C	3.04	4.84	Loam	0.32
TN060	5.00	B	1.30	5.32	Silty Loam	0.39
TN073	0.00	B	2.97	5.21	Loam	0.34
TN077	4.00	C	2.16	5.03	Loam	0.34

Table 4-17. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0604000403. More information is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-1997)
	1990	1997	2000		1990	1997	2000	
Hickman	16,754	19,926	22,295	5.86	981	1,167	1,306	33.1
Lewis	9,247	10,789	11,367	12.57	1,163	1,357	1,429	22.9
Perry	6,612	7,438	7,631	3.21	212	239	245	15.6
Totals	32,613	38,153	41,293		2,356	2,763	2,980	26.5

Table 4-18. Population Estimates in Subwatershed 0604000403.



Figure 4-30. Location of Historical Streamflow Data Collection Sites in Subwatershed 0604000403. Subwatershed 060400040301, and 060400040302 boundaries are shown for reference. More information is provided in Appendix IV.



Figure 4-31. Location of STORET Monitoring Sites in Subwatershed 0604000403. Subwatershed 060400040301, and 060400040302 boundaries are shown for reference. More information, including site names and locations, is provided in Appendix IV.

4.2.C.ii. Point Source Contributions.

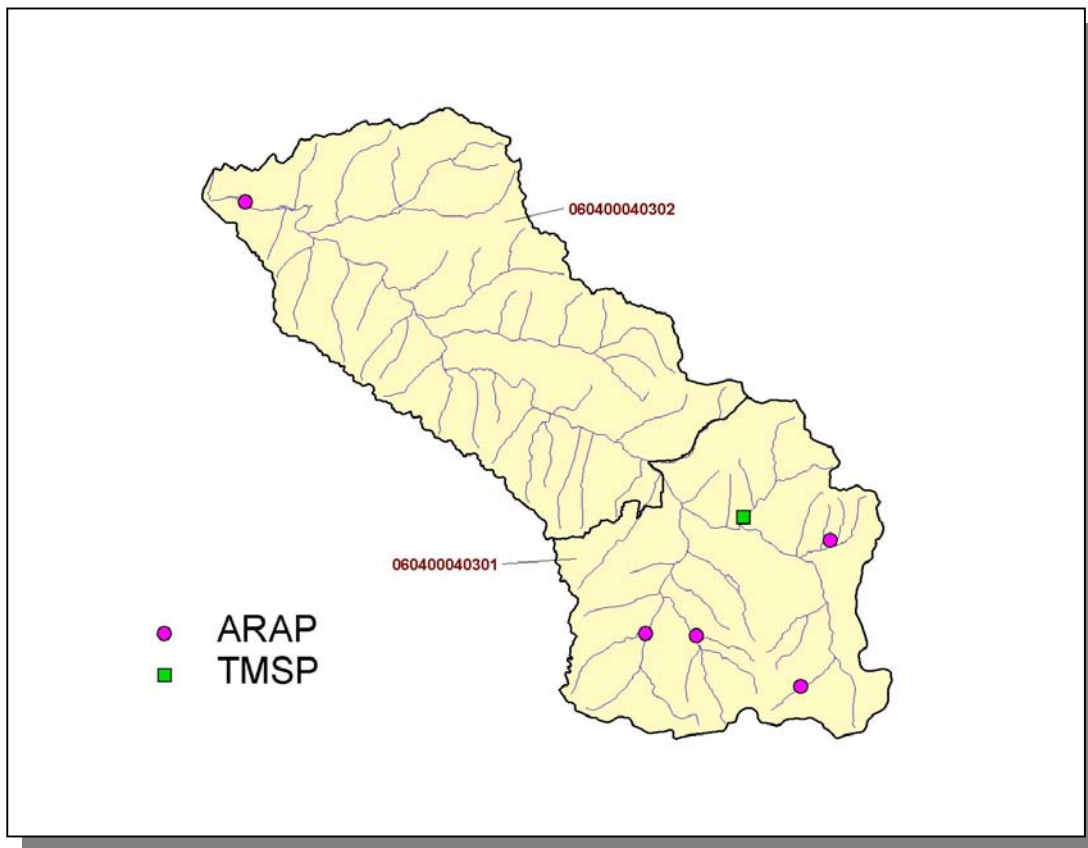


Figure 4-32. Location of Active Point Source Facilities in Subwatershed 0604000403. Subwatershed 060400040301 and 060400040302 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

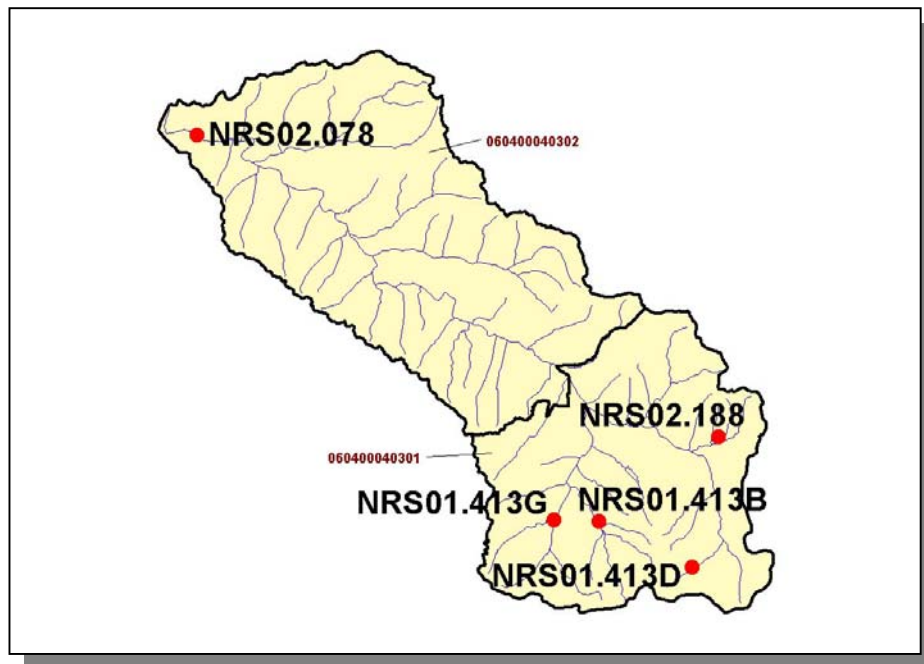


Figure 4-33. Location of ARAP Sites (Individual Permits) in Subwatershed 0604000403. Subwatershed 060400040301 and 060400040302 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-34. Location of TMSP Facilities in Subwatershed 0604000403. Subwatershed 060400040301 and 060400040302 boundaries are shown for reference. More information, including the names of facilities, is provided in Appendix IV.

4.2.C.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chicken (Layers)	Chickens Sold	Hogs	Sheep
554	1,031	2	<5	<5	187	4

Table 4-19. Summary of Livestock Count Estimates in Subwatershed 0604000403.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Hickman	297.2	297.2	5.8	23.0
Lewis	158.0	158.0	4.0	10.2
Perry	223.6	223.6	5.1	22.0
Totals	678.8	678.8	14.9	55.2

Table 4-20. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0604000403.

CROPS	TONS/ACRE/YEAR
Legumes (Pastureland)	0.68
Grass (Pastureland)	1.32
Grass (Hayland)	0.18
Legume (Hayland)	1.05
Legumes, Grass (Hayland)	0.30
Grass, Forbs, Legumes (Mixed Pasture)	0.52
Forest Land (Not Grazed)	0.00
Forest Land (Grazed)	0.00
Corn (Row Crops)	2.52
Sorghum (Row Crops)	4.17
Soybeans (Row Crops)	5.35
Tobacco (Row Crops)	7.68
Other Cropland not Planted	0.65
Conservation Reserve Program Lands	0.46
Non-Agricultural Land Use	0.00
Other Land in Farms	1.21
Farmsteads and Ranch Headquarters	0.13

Table 4-21. Annual Estimated Total Soil Loss in Subwatershed 0604000403.